

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE		PAGE OF PAGES 1 6		
2. AMENDMENT/MODIFICATION NO. <div style="text-align: center;">1</div>		3. EFFECTIVE DATE <div style="text-align: center;">See Block 16C</div>		4. REQUISITION/PURCHASE REQ. NO. <div style="text-align: center;">4200510297</div>		5. PROJECT NO. (If applicable) <div style="text-align: center;">96968.3a</div>	
6. ISSUED BY <div style="text-align: center;">CODE</div>		7. ADMINISTERED BY (If other than Item 6) <div style="text-align: center;">CODE</div>		Same as block 6			
OP-ES		OP-ES					
John F. Kennedy Space Center, NASA Procurement Office, OP-ES Kennedy Space Center, FL 32899							
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) Potential Contractors				9A. AMENDMENT OF SOLICITATION.			
				X NNK14510297R			
				10A. MODIFICATION OF CONTRACT/ORDER NO.			
				10B. DATED (SEE ITEM 13)			
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<p>[X] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [] is extended, [X] is not extended.</p> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:</p> <p>(a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).							
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D. OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor [] [] is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)							
<p>The purpose of Amendment 01 is to:</p> <ul style="list-style-type: none"> A. Change the word "Option" to "Additive" on page 2, block 17 of the solicitation B. Provide Government answers to potential bidder's questions. C. All other terms and conditions remain unchanged. 							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of person authorized to sign)				BY (Signature of Contracting Officer)			
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE				30-105		STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243	

ANSWERS TO BIDDERS QUESTIONS:

- 1. REFERENCE:** The solicitation; Section L.10.b.2 and Section M Evaluation Factors for Award, Section M1.b Factor 2 - Technical Experience:

QUESTION #1:

Section L.10.b.2 of the solicitation states;

“Offerors proposing contractor teaming arrangements shall identify the scope of work that will be performed by the prime contractor and the scope of work that will be performed by the other team member(s). In addition to the three contracts performed by the prime contractor, offerors shall identify in the Technical Experience Summary three contracts being performed or successfully completed by the other team member(s) within the past three years of the date of this solicitation (**July 23, 2014**) (including Federal, State, and local government and private projects) similar in size, content, and complexity to this Government acquisition.

Additionally, Section M Evaluation Factors for Award, Section M1.b Factor 2 - Technical Experience, states the following in the sixth paragraph:

“The projects listed in the Technical Experience Summary, must **collectively** demonstrate three subaqueous/marine crossings, involving a minimum of 12-inch-diameter water main each for a minimum of 1,500 feet each, using subaqueous horizontal directional boring.”

Please confirm the intent of these requirements is to insure that in the event of offerors proposing a contractor teaming arrangement, in which each teaming member must submit three contracts, that only three subaqueous marine crossings as specified are required, but that all projects proposed by the teaming members have waterline and related structures and meet other requirements such as minimum valuation, etc.

RESPONSE: Yes, that is correct. Only three subaqueous/marine crossings are required. All projects must have included waterline and related structures construction and meet the thresholds as specified by the solicitation.

- 2. REFERENCE:** Project Solicitation Package / Technical Specifications

QUESTION: Please provide the geotechnical report conducted for this project. It is very important for the horizontal drilling operations to know the subsurface conditions (i.e. presence of any fragmented rock, etc.)

RESPONSE: No geotechnical report was conducted specifically for this project. Information on historical borings in the vicinity of this project can be found under DWG 79K35186 which have been uploaded to FedBizOps. (Drawings are Explicit Access – Listed as Amendment 01-Question 02).

3. REFERENCE: Section 33 11 00 2.1.1.3.9 External Protection

QUESTION: This section calls for a polyethylene encasement on the ductile iron pipe to be installed by HDD. We believe that if the polyethylene encasement were to be damaged during pull-back operations the polyethylene would block the bore hole and cause immediate mud fractures. We ask that this requirement be deleted or alternative pipe material be allowed that would not require polyethylene encasement. These pipe types would be HDPE or fusible PVC.

RESPONSE: Based on the Ductile Iron Pipe Research Association (DIPRA), the polyethylene encasement is viable and routinely performed. Provide the pipe material and installation method indicated in the Contract Documents.

4. REFERENCE: Project Drawings, sheet C-1

QUESTION: Please clarify type of pipe required for the horizontal directional drilling portion. Sheet C-1 depicts 12" ductile iron pipe. Usually HDD pipe is HDPE or similar.

RESPONSE: Provide the pipe material and installation method indicated in the Contract Documents

5. REFERENCE: Project solicitation, section M, M.1.b.(1) and M.1.c

QUESTION: Please clarify that the specific experience of marine crossing, 12" dia, 1500 feet, etc. is for the potential HDD subcontractor / team member and not that of the General Contractor / team member.

RESPONSE: Documentation of experience and past performance for subaqueous marine crossing is required for the contractor team member performing the subaqueous crossings.

6. REFERENCE: Section 33 11 00, Part 2.1.1.3 Ductile Iron Pipe for HDD (p.199-202 of Technical Specifications) and Plan Sheets C1-C3 and C10

QUESTION: Can 12" DR18 Fusible C-900® PVC pipe be used as an equal to the 12" Class 350 Ductile Iron Flex-Ring® pipe installed by Horizontal Directional Drilling?

RESPONSE: No. Based on the Ductile Iron Pipe Research Association (DIPRA), the polyethylene encasement is viable and routinely performed. Provide the pipe material and installation method indicated in the Contract Documents.

7. REFERENCE: Division 33, Spec. Section 33 05 24, DIRECTIONAL DRILLING.

QUESTION: Can 12" heavy wall HDPE Piping be substituted for the 12" DIP on the Subaqueous Bores?

RESPONSE: No. Based on the Ductile Iron Pipe Research Association (DIPRA), the polyethylene encasement is viable and routinely performed. Provide the pipe material and installation method indicated in the Contract Documents.

8. REFERENCE: Division 33, Spec. Section 33 11 00, WATER DISTRIBUTION. DETAIL 5/C1/C13 ON PLAN SHEET C13.

QUESTION: How many Bacteriological / Sampling Points along the water main (I.e. what is the frequency)?

RESPONSE: Periodically install sampling points upstream and downstream of all isolation valves, or every 1,000 linear feet (refer to Specification Section 33 11 00, Water Distribution, Part 3.2.1, Hydrostatic Tests – General) for a minimum of two sampling points within a test section. The Contractor is to provide the necessary equipment to isolate 1,000-foot sections of the water main.

9. REFERENCE: Plan Sheet C-10

QUESTION: Is there a profile available for the waterway under the Relief Bridge?

RESPONSE: No, a profile is not available. This is not a navigable waterway. The length of directional drill shown is for bidding purposes and assumes a standard entry and exit angle and a depth under the ditch bottom as specified in the contract documents.

10. REFERENCE: Plan Sheets C-1 through C-11. Abandon existing 16" ACW water main in-place.

QUESTION: If the existing ACW water main is abandoned in-place will it need to be filled with grout or just capped?

RESPONSE: For the base bid (line item 01) the existing AC watermain to be abandoned in-place shall be capped. Note, there is an alternative additive (line item 02) for removing the existing AC watermain.

11. REFERENCE: F.2 52.211-92 Work Period

QUESTION: Can the work hours be extended for the HDD portion of the project? Would there be an expense for additional inspection or supervision to the contractor by the owner for these additional hours.

RESPONSE: Per F.2 52.211-92 Work Period extended hour requests can be made by the Contractor. There would be no additional expense to the Contractor for additional inspection or supervision by the Government for additional hours if approved.

12. REFERENCE: F.4 Downtime and Excavation Holds

QUESTION: The section states that the government will provide 24 hours' notice for all work stoppages. Can the contractor expect to be notified earlier than 24 hours? A 24 hour notification during HDD operations could negatively impact the HDD process.

RESPONSE: The Government will make reasonable attempts to provide as much notice as possible for work stoppages. Specifically for the HDD, the Government desires for this operation to be continuous and will work with the Contractor to schedule a mutually agreed upon time so as not to interrupt this operation. Special attention will need to be made to the launch schedule when scheduling this operation as well as work within the vicinity of the launch viewing stands. The Government will need to have access to these stands and the surrounding area as well as vehicular access by bus to these stands.

13. REFERENCE: Section 33 05 24 1.5 page 176

QUESTION: In the fourth paragraph of this section it states that drilling fluid may be disposed of on approved land owned by the federal Government. Will there be a site available to the HDD contractor to dispose of excess drilling fluids?

RESPONSE: Yes, there will be an area provided by the Government for the disposal.

14. REFERENCE: Section 33 05 24 2.6 Wire Tracing

QUESTION: This section makes reference to another section and call for a 6 ga copper tracer wire. In our experience this wire may break during the pull-back operations of the pipe. Can the contractor substitute a copper clad steel wire or stainless steel cable for the tracer wire on the HDD work?

RESPONSE: This substitution appears sufficient to meet the requirements of the contract documents. However, the government reserves the right during the submittal process to determine if the actual equipment provided complies with the "or equal" clause of the contract

15. REFERENCE: Plan sheets C-1, C-11 and C-12

QUESTION: The connections to the existing lines shown on these pages will require a shutdown of the existing water main. Will these connections have to be completed outside

of normal working hours? Would there be an estimated time allowed for shutdown of the existing system to make these tie-ins?

RESPONSE: The connections can be completed during normal working hours. An estimated time of 48 hours will be allowed for shutdown of the existing system to make these tie-ins.

End of Questions/Answers